

- [54] **SURFACING COMPOSITION CONTAINING
AQUEOUS RESIN EMULSION AND
CALCIUM SULFATE HEMIHYDRATE
PLASTER**

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Related U.S. Application Data

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- [30] **Foreign Application Priority Data**

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- [58] Field of Search..... 260/29.6 S, 42.13

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[57] **ABSTRACT**

The invention provides a fluid plaster composition having desirable flow properties and being capable of setting to a hard material, said composition comprising a calcium sulphate alpha-hemihydrate plaster and an aqueous resin emulsion capable of forming a hard material on removal of water, the relative proportions of the plaster and the resin being such that the plaster takes up the major part of the water in the emulsion when it sets. The resins are preferably homopolymers and copolymers of lower alkyl acrylates and methacrylates, styrene and vinyl acetate. The composition is particularly useful for providing a self-levelling, quick-setting, tough flooring composition which is stable at usual ambient temperatures. Other uses include the casting of art objects such as statuettes.

14 Claims, No Drawings